



OM Update

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TOPICS

- **OMT V1.3 update**
- **OM tools update**
- **FEDEP update**

OMT V1.3

- **OM Tech Exchange - 5 Nov**
 - **Purpose:** To review and (re)evaluate the need for each existing and proposed table in the OMT Extensions
 - **Existing tables:**
 - **Associations Table**
 - **Component Structure Table**
 - **OM Metadata**
 - **Proposed Tables:**
 - **Interaction Structure Table**
 - **Routing Space Table**

OMT V1.3

- **OM Tech Exchange Summary**
 - **Information resident in Associations, Component Structure, and Interaction Description Tables is used to describe relationships between system objects rather than to describe how information is exchanged between federates**
 - **Implies such information is defined at Conceptual Analysis phase**
 - **Recommendation - remove/do not include these tables in OMT Extensions**

OMT V1.3

- **OM Tech Exchange Summary**
 - **Certain key identifying information should always be tightly bound to the object model. However, most types of meta-level information should not be part of the object model description**
 - **Recommendations:**
 - **Remove OM Metadata from OMT Extensions**
 - **Include critical identifying information in the OMT**
 - **Include an optional form in the OML for OM developers to define and associate additional metadata with the OM**

OMT V1.3

- **OMT-level Metadata**
 - **Name/Version**
 - **Date**
 - **POC**
 - **Description**

OMT V1.3

- **OM Tech Exchange Summary**
 - **Routing Space Table** always required when DDM information is relevant to a federation
 - **Same basic rule that applies to all OMT tables**
 - **Recommendation - include Routing Space Table in OMT**

OMT V1.3

Routing Space Table					
Routing Space	Dimension	Dimension Type	Dimension Range/Set	Range/Set Units	Normalization Function
<r_space>	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
...
<r_space>	<dimension>	<type>	<range/set>	<units>	<n_function>
	<dimension>	<type>	<range/set>	<units>	<n_function>
...

OMT V1.3

- **Bottom line ...**
 - **OMT Extensions will be removed from the HLA Technical Library at time of next spec release**
 - **OMT V1.3 will include new tables for key metadata categories and routing space specification**
 - **OMT V1.3 may also include an expanded description of the relationship between key HLA and OO concepts**
 - **OMT V1.3 draft to be completed by 20 Jan**

OM Tools

OM TOOL SUITE

- **HLA OMDT now available via HLA Software Distribution Center**
- **OML now openly accessible**
 - <http://www.omlibrary.epgc4i.com/>
- **OM tool support now in place**

OM TOOL SUITE

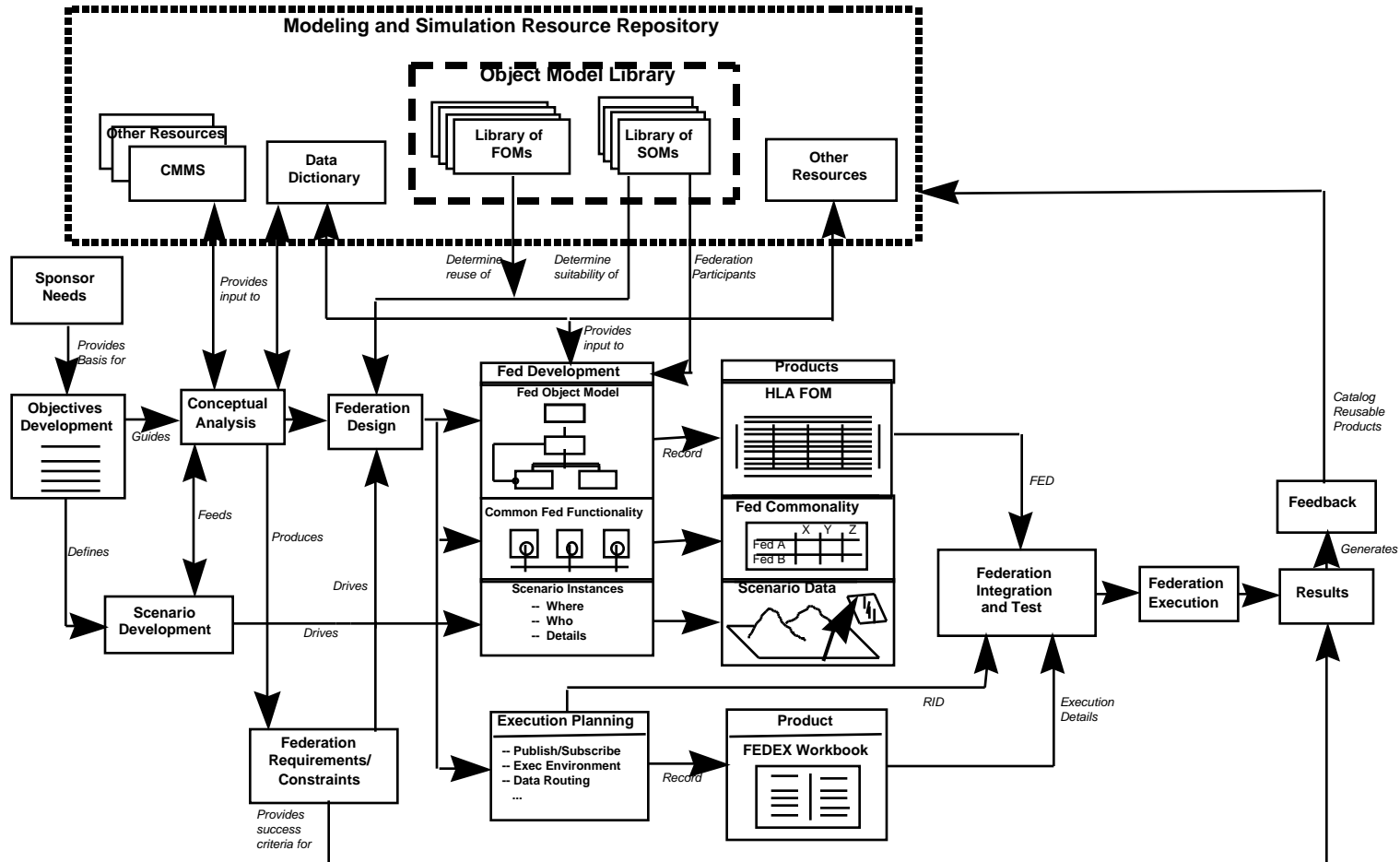
- **An alpha release of the OMDT is currently planned for mid-January**
- **Planned features**
 - **OMT 1.3 prototype**
 - **DDM support**
 - **RTI 1.3 FED file generation**
 - **MOM support**
 - **OMDD data file import**
 - **Scaled printing**

FEDEP Update

HLA FEDEP

- **HLA FEDEP V1.1 is now available**
 - **Access via DMSO web site**
- **Focus of FEDEP V1.1 development ...**
 - **Complete process description**
 - **Review uniformity and clarity of process description**
 - **Recognize new products/resources**
 - **Add new introductory section**
 - **5-step process**

FEDEP V1.1



NEXT STEPS

- **Prepare for FEDEP V1.2 Checkpoint (May '98)**
 - **Follow ConOps briefed at previous AMG**
 - **Focus ...**
 - **Examine utility of alternative formats for process diagram**
 - **Include roles/products in process description**